



United States Department of the Interior

BUREAU OF RECLAMATION

Great Plains Region

Montana Area Office

P.O. Box 30137

Billings, Montana 59107-0137



IN REPLY REFER TO: MT-450

June 27, 2014

FAXOGRAM: Water Order Change

To: Chief, Power Supply and Billing Division, WAPA, Watertown, South Dakota
Attention: F-6300
Chief, Power Dispatching Branch, WAPA, Loveland, Colorado
Attention: J-4120
Facilities Manager, Helena, Montana
Attention: MT-800, MT-810, MT-831
Project Manager, Mills, Wyoming
Attention: WY-4000, WY-4100, WY-6400
PPL Energy Plus, LLC, Butte, Montana
Attention: Resource Coordinator, Deb Mallowney

From: Reservoir and River Operations, Billings, Montana /S/ Stephanie Micek
Subject: **Canyon Ferry Water Release Order - CFR No. 14-33**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3796.05; Storage: 1,860,318 acre-feet; River Release: 3,890 cfs; Inflow: 9,115 cfs;

GENERAL COMMENTS:

Streamflows into Canyon Ferry have increased due to recent precipitation in the basin. Canyon Ferry is one foot from full; therefore to control the rate of fill the following operation changes are required at Canyon Ferry Dam and Powerplant.

CANYON FERRY RELEASES AND OPERATIONS: Times are Mountain Daylight Savings Time (MDST)

At 0100 hour on Saturday, June 28, 2014:

*Maintain releases through the river outlet gates at 0 cfs.
Maintain releases through the spillway gates at 0 cfs.
Increase turbine release to $\approx 4,200$ cfs (≈ 1065 MW-Hrs/day using 94.6 cfs/mw).
Maintain release for Helena Valley Project to 400 cfs (180 cfs pumped to Helena Valley and 220 cfs discharged to the Missouri River).
Increase release to the Missouri River to 4,420 cfs.
Increase total release from Canyon Ferry to 4,600 cfs.*

At 0100 hour on Sunday, June 29, 2014:

*Maintain releases through the river outlet gates at 0 cfs.
Maintain releases through the spillway gates at 0 cfs.
Increase turbine release to $\approx 4,700$ cfs (≈ 1192 MW-Hrs/day using 94.6 cfs/mw).
Maintain release for Helena Valley Project to 400 cfs (180 cfs pumped to Helena Valley and 220 cfs discharged to the Missouri River).
Increase release to the Missouri River to 4,920 cfs.
Increase total release from Canyon Ferry to 5,100 cfs.*

At 0100 hour on Monday, June 30, 2014:

*Maintain releases through the river outlet gates at 0 cfs.
Maintain releases through the spillway gates at 0 cfs.
Increase turbine release to $\approx 5,100$ cfs (≈ 1293 MW-Hrs/day using 94.6 cfs/mw).
Maintain release for Helena Valley Project to 400 cfs (180 cfs pumped to Helena Valley and 220 cfs discharged to the Missouri River).
Increase release to the Missouri River to 5,320 cfs.
Increase total release from Canyon Ferry to 5,500 cfs.*